



Technical Tip 02

ZEUS AtheNA Multi-Lyte[®] Test System

Subject: Multiple Marker Positivity on the AtheNA Multi-Lyte ANA Test Systems

It is not uncommon to see ANA patients with multiple positive (+) antibodies.

What is the significance of multiple positive antibodies?

Often patients with systemic lupus erythematosus (SLE) and other autoimmune diseases develop polyclonal responses to themselves. This may result in positive results for several ANA markers of the panel. In addition, patients with overlapping connective tissue disease (CTD) will have several positive markers.

How should the laboratory report these results?

The lab should report all test results and give the levels of each in order for the physician to use all the data to evaluate the patient. Test results should be interpreted in conjunction with the clinical evaluation and the results of other diagnostic procedures.